



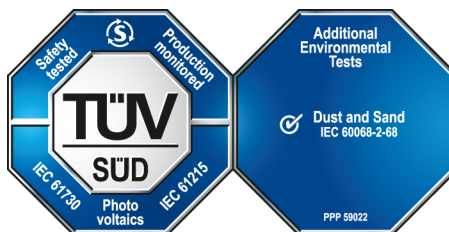
Product Service

CERTIFICATE

No. Z2 116394 0009 Rev. 03

Holder of Certificate: **Guangdong Lesso Banhao
New Energy Technology Group Co., Ltd.**
The 1st and 2nd floors of the workshop in Zone 2
No. 58, Longzhou West Road
Longjiang Town
Shunde District,
528318 Foshan City, Guangdong Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:




Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
[Mono Crystalline Silicon Photovoltaic (PV) Module(s)]**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223119704

Valid until: 2029-03-19

Date, 2024-03-20


(Billy Qiu)



CERTIFICATE

No. Z2 116394 0009 Rev. 03

Model(s):

520D(HPM)72(182), 525D(HPM)72(182), 530D(HPM)72(182),
535D(HPM)72(182), 540D(HPM)72(182), 545D(HPM)72(182),
550D(HPM)72(182); 555D(HPM)72(182);

480D(HPM)66(182), 485D(HPM)66(182), 490D(HPM)66(182),
495D(HPM)66(182), 500D(HPM)66(182), 505D(HPM)66(182);

435D(HPM)60(182), 440D(HPM)60(182), 445D(HPM)60(182),
450D(HPM)60(182), 455D(HPM)60(182), 460D(HPM)60(182);

390D(HPM)54(182), 395D(HPM)54(182), 400D(HPM)54(182),
405D(HPM)54(182), 410D(HPM)54(182), 415D(HPM)54(182).

520D(BPM)72(182), 525D(BPM)72(182), 530D(BPM)72(182),
535D(BPM)72(182), 540D(BPM)72(182), 545D(BPM)72(182),
550D(BPM)72(182);

480D(BPM)66(182), 485D(BPM)66(182), 490D(BPM)66(182),
495D(BPM)66(182), 500D(BPM)66(182);

435D(BPM)60(182), 440D(BPM)60(182), 445D(BPM)60(182),
450D(BPM)60(182), 455D(BPM)60(182);

390D(BPM)54(182), 395D(BPM)54(182), 400D(BPM)54(182),
405D(BPM)54(182), 410D(BPM)54(182).

555C(HPM)72(182), 560C(HPM)72(182), 565C(HPM)72(182),
570C(HPM)72(182), 575C(HPM)72(182), 580C(HPM)72(182),
585C(HPM)72(182);

510C(HPM)66(182), 515C(HPM)66(182), 520C(HPM)66(182),
525C(HPM)66(182), 530C(HPM)66(182), 535C(HPM)66(182);

460C(HPM)60(182), 465C(HPM)60(182), 470C(HPM)60(182),
475C(HPM)60(182), 480C(HPM)60(182), 485C(HPM)60(182);

410C(HPM)54(182), 415C(HPM)54(182), 420C(HPM)54(182),
425C(HPM)54(182), 430C(HPM)54(182), 435C(HPM)54(182).

555C(BPM)72(182), 560C(BPM)72(182), 565C(BPM)72(182),
570C(BPM)72(182), 575C(BPM)72(182), 580C(BPM)72(182),
585C(BPM)72(182);

410C(BPM)54(182), 415C(BPM)54(182), 420C(BPM)54(182),
425C(BPM)54(182), 430C(BPM)54(182), 435C(BPM)54(182).

460C(BPM)60(182), 465C(BPM)60(182), 470C(BPM)60(182),
475C(BPM)60(182), 480C(BPM)60(182), 485C(BPM)60(182);

510C(BPM)66(182), 515C(BPM)66(182), 520C(BPM)66(182),
525C(BPM)66(182), 530C(BPM)66(182), 535C(BPM)66(182);

640D(HPM)66(210), 645D(HPM)66(210), 650D(HPM)66(210),
655D(HPM)66(210), 660D(HPM)66(210), 665D(HPM)66(210),
670D(HPM)66(210);

580D(HPM)60(210), 585D(HPM)60(210), 590D(HPM)60(210),
595D(HPM)60(210), 600D(HPM)60(210), 605D(HPM)60(210);

520D(HPM)54(210), 525D(HPM)54(210), 530D(HPM)54(210),
535D(HPM)54(210), 540D(HPM)54(210), 545D(HPM)54(210).



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Parameters:

Safety class:	Class II
Max. system voltage:	1500 V d.c.
Construction:	Framed, with Junction box, Cable and Connectors
Dust and sand test method:	IEC 60068-2-68, Lc2
Dust/sand type:	Sand 95% SiO ₂
Particle size:	Variant3: sand
Dust/sand concentration:	5±1.5g/m ³
Testing air velocity:	20~25 m/s
Test duration:	4 h / each side

Tested according to:

IEC 61215-1:2016
 IEC 61215-1-1:2016
 IEC 61215-2:2016
 IEC 61730-1:2016
 IEC 61730-2:2016
 PPP 59022B:2021